Phospho-EIF4B-S422 Rabbit pAb

Catalog NO.: AP0775 **1 Publications**

Basic Information

Observed MW
80kDa

Calculated MW
69kDa

Category
Phosphorylated Antibodies

Applications
WB, ELISA

Cross-Reactivity
Human

Conjugation
Unconjugated

Background

Enables RNA binding activity. Predicted to be involved in eukaryotic translation initiation factor 4F complex assembly and formation of translation preinitiation complex. Located in cytosol. Biomarker of autism spectrum disorder and major depressive disorder.

Recommended Dilutions

WB 1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
1975

Swiss Prot
P23588

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
EIF-4B; PRO1843; Phospho-EIF4B-S422

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

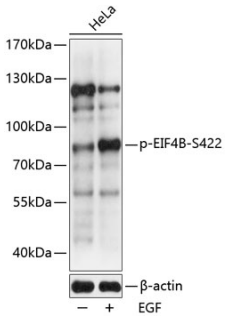
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



Western blot analysis of lysates from HeLa cells, using Phospho-EIF4B-S422 Rabbit pAb (AP0775) at 1:2000 dilution.
HeLa cells were treated with EGF (100ng/mL) for 30 minutes after serum-starvation overnight.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.

For research use only. Not for therapeutic or diagnostic purposes.

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